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### [Adaptive overload control for busy internet servers](#) • [toronto.edu](#) [PDF]

M Welsh, D Culler - usenix.org

... are admitted into the stage's queue by **adjusting** the rate ... load, such as CPU utilization and memory **usage**. ... controller attempts to meet response-time bounds for ...

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### [Near Real Time ETL](#)

P Vassiliadis, A Simitsis - Springer Annals of Information Systems, 2008 - Springer

... 2 **Near Real Time ETL** 35 ... facilities, the solution sounds appealing, since the log file is an append-only file and the contention for the **usage** of different ...

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### [A scalable location service supporting overload situations](#) • [psu.edu](#) [PDF]

L Bernardo, P Pinto - Proc. Third Int'l Workshop on Artificial Intelligence in ... - aaai.org

... and section V describes the location service **adjusting** mechanism. ... name from outside L'c domain would **use** L ... is inactive for more than a threshold time and does ...

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### [\[PDF\] \\*Imprecise computations](#)

JWS Liu, WK Shih, KJ Lin, R Bettati, JY Chung - PROCEEDINGS-IEEE, 1994 - vulcan.ee.iastate.edu

... each other in the rules they **use** to decide ... By **adjusting** the constant probability or rate of increase in ... a sufficient number of optional tasks complete in time ...

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### [\[PDF\] \\*Resource containers: A new facility for resource management in server systems](#)

G Banga, P Druschel, JC Mogul - Operating Systems Review, 1998 - cs.columbia.edu

... and other novel systems offer interesting **alternative** approaches to ... of a thread to a container at any time. Subsequent resource **usage** by the thread is charged ...

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### [Parametric-based control of autonomic architecture](#)

TE Creamer, BH Hill, NA Katz, VS Moore - US Patent App. 10/654,360, 2003 - Google Patents

... 115 would not need to track the **time** that **alternative** ... a system 200 for using **self-adjusting** parametric controls ... System 200 includes a **usage** table 280, a timing ...

[Web Search - All 2 versions](#)

[\[PDF\]](#) **Controlling Overload in Networks of SIP Servers**

V Hilt, I Widjaja - IEEE International Conference on Network Protocols, 2008. ...., 2008 - ieee-icnp.org

... response code with Retry-After for **overload** control, we use Network Topol ... downstream

neighbor will retry the request at an **alternate server**, if possible ... Time (sec ...

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**Adaptive scheduling server for power-aware real-time tasks** - [psu.edu \[PDF\]](#)

P Mejia Alvarez, E Levner, D Mosse - ACM Transactions on Embedded Computing Systems (TECS), 2004 - portal.acm.org

... and the square of the voltage, **adjusting** both can ... According to Transmeta [2003] the

time overhead associated with ... For example, a task may **use** more memory or ...

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**Overload management as a fundamental service design primitive** - [sigops.org \[PDF\]](#)

M Welsh, D Culler - Proceedings of the 10th workshop on ACM SIGOPS European ..., 2002 - portal.acm.org

... into the stage's queue by **adjusting** the rate ... a negative impact on user-perceived

response time, as the ... To demonstrate the **use** of service degradation in SEDA ...

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**Design, implementation, and evaluation of a client characterization driven web server** - [indiana.edu \[PDF\]](#)

B Krishnamurthy, Y Zhang, CE Wills, K Vishwanath - Proceedings of the 12th international conference on World ..., 2003 - portal.acm.org

... replaced in the data structure with the **alternate** URI (/foo ... For this evaluation we

did not **use** the live clients ... add to overhead at **server start time** and changes ...

[Cited by 7](#) - [Related articles](#) - [Web Search](#) - [All 16 versions](#)

Key authors: [J Liu](#) - [W Shih](#) - [K Lin](#) - [J Chung](#) - [G Banga](#)

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overload handling <near> time adjusting <near>

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### [A scalable location service supporting overload situations- psu.edu \[PDF\]](#)

L Bernardo, P Pinto - Proc. Third Int'l Workshop on Artificial Intelligence in ... - aaai.org  
... names [12] may fail because the **overloading** resulting from ... a last resort to deal  
with lookup **overload** situations ... If any of the neighbors **overloaded**, it cancels ...

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### [Near Real Time ETL](#)

P Vassiliadis, A Simitsis - Springer Annals of Information Systems, 2008 - Springer  
... usually during the night, to avoid **overloading** the source ... the source systems cannot  
be **overloaded** with the extra ... of the ETL process for **handling** each partition ...

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### [Dynamic surge protection: An approach to handling unexpected workload surges with resource actions ... - psu.edu \[PDF\]](#)

E Lassettre, DW Coleman, Y Diao, S Froehlich, JL ... - Lecture Notes in Computer Science, 2003 - Springer  
... and H&R Block have suffered massive **overload** from subscribers ... 2 servers) the re-  
sponse time ranged from ... surge protection, a technique for **handling** unex- pected ...

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### [Parametric-based control of autonomic architecture](#)

TE Creamer, BH Hill, NA Katz, VS Moore - US Patent App. 10/654,360, 2003 - Google Patents  
... condition rarely occurs and can the **over- load** condition can ... status hub 135 indicates  
that an **overload** condition has ... a handler 205 is in an **overloaded** state or ...

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### [Managing energy and server resources in hosting centers- toronto.ca \[PDF\]](#)

JS Chase, DC Anderson, PN Thakar, AM Vahdat, RP ... - Proceedings of the eighteenth ACM symposium on Operating ... , 2001 - portal.acm.org  
... Data centers are vulnerable to **overloading** of the ... Active servers always run **near**  
a con- figured utilization ... the second **server** powers on later at time  $t = 160$  ...

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### [\[PDF\] Controlling Overload in Networks of SIP Servers](#)

V Hill, I Widjaja - IEEE International Conference on Network Protocols, 2008, ..., 2008 - ieee-icnp.org  
... however, it is ineffective in **handling** higher amounts ... a request due to temporary  
**overload** can reject ... The **overloaded server** can insert a **Retry-After** header into ...

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### Fair overload handling using proof-of-work functions

S Götz, G Mühli - Applications and the Internet, 2006. SAINT 2006 ..., 2006 - ieeexplore.ieee.org

... Thus, a primary goal of **overload handling** is to achieve ... to the general problem of **overload** and explained why the access to an **overloaded** system must ...

Cited by 1 - Related articles - Web Search - All 3 versions

### Handling execution overruns in hard real-time control systems

M Caccamo, G Buttazzo, L Sha - IEEE Transactions on Computers, 2002 - ieeexplore.ieee.org

... down from 40 Hz to 20 Hz to avoid **overload**. ... 1.2 Related Work The problem of **handling** execution overruns ... **time**, potentially causing the system to be **overloaded**. ...

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### Adaptive scheduling server for power-aware real-time tasks • [psu.edu](#) (PDF)

P Mejia-Alvarez, E Levner, D Mossé - ACM Transactions on Embedded Computing Systems (TECS), 2004 - portal.acm.org

... **real-time** scheduling which yields a **near-optimal** solution ... is no general fast (polynomial-time) exact method ... 1. Methodology for **handling** power-aware real-time ...

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... against distributed denial-of-service attacks with max-min fair **server-centric** router throttles- [purdue.edu](#) (PDF)

DKY Yau, JCS Lui, F Liang, YY Yam - IEEE/ACM Transactions on Networking, 2005 - ieeexplore.ieee.org

... is also deployed to protect routers from **overload**. ... 1: Assume that the **server** is **overloaded** (ie, the ... Experiment 1: **Handling** of heterogeneous sources and system ...

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Key authors: [L Sha](#) - [B Ng](#) - [P Mejia-Alvare...](#) - [J Chase](#) - [E Lassettre](#)

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overload handling <near> time adjust

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### Parametric-based control of autonomic architecture

TE Creamer, BH Hifi, NA Katz, VS Moore - US Patent App. 10/654,360, 2003 - Google Patents

... condition rarely occurs and can the **over-load** condition can ... status hub 135 indicates that an **overload** condition has ... a handler 205 is in an **overloaded** state or ...

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### Fair overload handling using proof-of-work functions

S Gotze, G Muhl - Applications and the Internet, 2006. SAINT 2006. ..., 2006 - [ieeexplore.ieee.org](#)

... Thus, a primary goal of **overload handling** is to achieve ... to the general problem of **overload** and explained why the access to an **overloaded** system must ...

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### [CITATION] Fair Overload Handling Using Proof-of-Work Functions

K Betriebssysteme

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... having code and request rate for managing rate at which client can request for services from **server** ...

WH Connor - US Patent 6,795,864, 2004 - Google Patents

... 5 refer to other techniques for **handling** requests received ... storm where a flood of requests **overload** the network ... to prevent the client from **overloading** both the ...

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### [PDF] Controlling Overload in Networks of SIP Servers

V Hill, I Widjaja - IEEE International Conference on Network Protocols, 2008 ..., 2008 - [ieee-icnp.org](#)

... however, it is ineffective in **handling** higher amounts ... ensure that only core servers are **overloaded**. ... technique results in congestion collapse during **overload** ...

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### Using certes to infer client response time at the web server - [ibm.com](#) [pdf](#)

D Olsheski, J Nieh, D Agrawal - ACM Transactions on Computer Systems (TOCS), 2004 - [portal.acm.org](#)

... is particularly useful under **overloaded** server conditions when ... connection attempts to avoid **overloading** the server ... server due to **server overload** or admissions ...

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## [Dynamic surge protection: An approach to handling unexpected workload surges with resource actions ...](#) - [psu.edu](#) [PDF]

E Lassetre, DW Coleman, Y Diao, S Froehlich, JL ... - Lecture Notes in Computer Science, 2003 - Springer

... surge protection, an approach to **handling** unexpected workload ... Block have suffered massive **overload** from subscribers ... Thus, we dynamically **adjust** the model order ...

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## [Client server networks](#)

SI Martin - US Patent App. 10/490,040, 2002 - Google Patents

... at a client node to avoid **overloading** servers, the ... threshold separating nor- mal from **overload** conditions are ... ever, provided that none is **overloaded** the request ...

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## [Adaptive bandwidth reservation for multimedia computing](#) - [klum.edu.sa](#) [PDF]

L Abeni, S Superior, S Anna, G Buttazzo - In Proceedings of the IEEE Real Time Computing Systems and ... , 1999 - eprints.klum.edu.sa

... If the system is **overloaded**, and the CPU bandwidth is ... budget  $\bar{E}_x$  is decreased only in **overload** conditions ac ... behavior of the QoS manager in **handling** MM tasks ...

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## [\[PDF\] End-host architecture for QoS-adaptive communication](#)

T Abdelzaher, KG Shin - IEEE Real-Time Technology and Applications Symposium, 1998 - citeseerx.ist.psu.edu

... time scheduling and admission control, **overloading** the CPU ... the system that in case of **overload** the resolution ... similar, for example, to **adjusting** the brightness ...

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